

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy E. BENSON et al. jc882 U.S. PTO

Docket No.: 00236.US1

Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF FEMA AND FEMA-LIKE PROTEINS

Assistant Commissioner for Patents  
ATTN: Box PATENT APPLICATION  
Washington, D.C. 20231

1000 U.S. PTO  
09/932474

08/17/01

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

X UTILITY PATENT APPLICATION including:

- X Specification (70 consecutively numbered pgs, including 57 claims on 16 consecutively numbered pgs and a 1 pg Abstract);  
X Drawings (12 figures on 12 sheets);  
\_\_\_ A signed/unsigned Declaration and Power of Attorney ( \_\_\_ pgs). [CHOOSE ONE]  
X Application Data Sheet (1 pgs).  
X An itemized return postcard.  
\_\_\_ An Assignment of the invention to \_\_\_ and Recordation Form Cover Sheet.  
\_\_\_ A check in the amount of \$40.00 to pay the Assignment Recording Fee.  
\_\_\_ A certified copy of a \_\_\_ application, Serial No. \_\_\_, filed \_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
X Paper copy of "Sequence Listing" (6 pgs.) and computer readable form of "Sequence Listing" (one diskette). Applicants state that the paper copy form of the "Sequence Listing" section of the present application, and the computer readable form submitted herewith, are the same.  
X Other: Communication (1 pg.); 2 - Compact Disc Transmittal Under 37 C.F.R. §1.52(e) (2 pgs. total); and compact discs (2 discs total).  
X A check in the amount of \$4,244.00 to pay the filing fee, which is calculated below:

| APPLICATION FILING FEE  |                              |   |                              |                      |              |
|---|------------------------------|---|------------------------------|----------------------|--------------|
|   | Number of Pending Claims (1) | Claims Included in Basic Filing Fee (2) | Number of Extra Claims (1-2) | Cost per Extra Claim | Fee Required |
| Total Claims  | 108                          | - 20 =                                  | 88                           | x \$18 =             | \$1,584.00   |
| Independent Claims  | 24                           | - 3 =                                   | 21                           | x \$80 =             | \$1,680.00   |
| One or More Multiple Dependent Claims Presented? If Yes, Enter \$270 Here → |                              |   |                              |                      | \$ 270.00    |
| Enter Basic Filing Fee (Utility Patent-\$710) Here →                        |                              |   |                              |                      | \$ 710.00    |
| Total Application Filing Fee  |                              |   |                              |                      | \$4,244.00   |

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH &amp; GEBHARDT, P.A.

Customer Number: 26813

By: Victoria A. Sandberg

Name: Victoria A. Sandberg

Reg. No.: 41,287

Direct Dial: 612-305-1226

Facsimile: 612-305-1228

## CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL 776904495 US

Date of Deposit: 17 August 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, ATTN: Box PATENT APPLICATION, Washington, D.C. 20231.

By: Anne M. Richards

Name: Anne M. Richards

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy E. Benson et al. ) Group Art Unit: Unassigned  
Serial No.: Unassigned ) Examiner: Unassigned  
Filed: Herewith )  
For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
FEMA AND FEMA-LIKE PROTEINS

COMPACT DISC TRANSMITTAL UNDER 37 C.F.R. § 1.52(e)

Duplicate compact discs (Copy 1 and Copy 2) are being submitted with the above U.S. Patent Application herewith. The material contained on Copy 1 is believed to be identical to the material contained on Copy 2. The compact discs are Compact Disc-Recordable (CD-R) as specified under 37 C.F.R. § 1.52(e)(2). The compact discs are formatted for IBM compatible machines operating under an MS-Windows environment.

Each disc contains the following files:

| <u>Name</u> | <u>Size</u> | <u>Contents</u> | <u>Date of File Creation</u> |
|-------------|-------------|-----------------|------------------------------|
| table_1.txt | 270 KB      | Table 1         | August 10, 2001              |

CERTIFICATE UNDER 37 C.F.R. 1.10:

Express Mail number: EL 776904495 US  
Date of Deposit: 17 August 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, **ATTN: Box Patent Application**, Washington, D.C. 20231.

Anne M. Richards  
Anne M. Richards

17 August 2001  
Date

VAS/kah

Respectfully submitted,  
Timothy E. Benson et al.  
By their Representatives,  
Mueting, Raasch & Gebhardt, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415  
Phone: (612)305-1220  
Facsimile: (612)305-1228  
**Customer Number 26813**

By: Victoria A. Sandberg  
Victoria A. Sandberg  
Reg. No. 41,287  
Direct Dial (612)305-1226

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy E. BENSON et al. ) Group Art Unit: Unknown  
Serial No.: Unassigned ) Examiner: Unassigned  
Filed: Herewith )  
For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
FEMA AND FEMA-LIKE PROTEINS

COMMUNICATION

Assistant Commissioner for Patents  
**ATTN: Box Patent Application**  
Washington, D.C. 20231

Sir:

In accordance with Rule §1.821(e), the information recorded in computer readable form is identical to the written Sequence Listing, both of which are submitted herewith.

CERTIFICATE UNDER 37 C.F.R. 1.10:

Express Mail number: EL 776904495 US  
Date of Deposit: 17 August 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, **ATTN: Box Patent Application**, Washington, D.C. 20231.

*Anne M. Richards*  
Anne M. Richards

17 August 2001  
Date

VAS:kah

Respectfully submitted,  
Timothy E. Benson et al.  
By their Representatives,  
Mueting, Raasch & Gebhardt, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415  
Phone: (612)305-1220  
Facsimile: (612)305-1228  
**Customer Number 26813**

By: *Victoria A. Sandberg*  
Victoria A. Sandberg  
Reg. No. 41,287  
Direct Dial (612)305-1226